

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:SSPTAJDA1614

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

\* \* \* \* \* Welcome to STN International \* \* \* \* \*

NEWS	1		Web Page for STN Seminar Schedule - N. America
NEWS	2	AUG 06	CAS REGISTRY enhanced with new experimental property tags
NEWS	3	AUG 06	FSTA enhanced with new thesaurus edition
NEWS	4	AUG 13	CA/CAPplus enhanced with additional kind codes for granted patents
NEWS	5	AUG 20	CA/CAPplus enhanced with CAS indexing in pre-1907 records
NEWS	6	AUG 27	Full-text patent databases enhanced with predefined patent family display formats from INPADOCDB
NEWS	7	AUG 27	USPATOLD now available on STN
NEWS	8	AUG 28	CAS REGISTRY enhanced with additional experimental spectral property data
NEWS	9	SEP 07	STN AnaVist, Version 2.0, now available with Derwent World Patents Index
NEWS	10	SEP 13	FORIS renamed to SOFIS
NEWS	11	SEP 13	INPADOCDB enhanced with monthly SDI frequency
NEWS	12	SEP 17	CA/CAPplus enhanced with printed CA page images from 1967-1998
NEWS	13	SEP 17	CAPplus coverage extended to include traditional medicine patents
NEWS	14	SEP 24	EMBASE, EMBAL, and LEMBASE reloaded with enhancements
NEWS	15	OCT 02	CA/CAPplus enhanced with pre-1907 records from Chemisches Zentralblatt
NEWS	16	OCT 19	BEILSTEIN updated with new compounds
NEWS	17	NOV 15	Derwent Indian patent publication number format enhanced
NEWS	18	NOV 19	WPIX enhanced with XML display format
NEWS	19	NOV 30	ICSD reloaded with enhancements
NEWS	20	DEC 04	LINPADOCDB now available on STN
NEWS	21	DEC 14	BEILSTEIN pricing structure to change
NEWS	22	DEC 17	USPATOLD added to additional database clusters
NEWS	23	DEC 17	IMSDRUGCONF removed from database clusters and STN
NEWS	24	DEC 17	DGENE now includes more than 10 million sequences
NEWS	25	DEC 17	TOXCENTER enhanced with 2008 MeSH vocabulary in MEDLINE segment
NEWS	26	DEC 17	MEDLINE and LMEMLINE updated with 2008 MeSH vocabulary
NEWS	27	DEC 17	CA/CAPplus enhanced with new custom IPC display formats
NEWS	28	DEC 17	STN Viewer enhanced with full-text patent content from USPATOLD
NEWS	29	JAN 02	STN pricing information for 2008 now available
NEWS EXPRESS	19	SEPTEMBER 2007:	CURRENT WINDOWS VERSION IS V8.2, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 19 SEPTEMBER 2007.
NEWS HOURS			STN Operating Hours Plus Help Desk Availability
NEWS LOGIN			Welcome Banner and News Items
NEWS IPC8			For general information regarding STN implementation of IPC 8

Enter NEWS followed by the item number or name to see news on that specific topic.

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\* \* \* \* \* STN Columbus \* \* \* \* \*

FILE 'HOME' ENTERED AT 11:52:36 ON 08 JAN 2008

=> file registry

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

FILE 'REGISTRY' ENTERED AT 11:53:00 ON 08 JAN 2008

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 7 JAN 2008 HIGHEST RN 960112-28-1

DICTIONARY FILE UPDATES: 7 JAN 2008 HIGHEST RN 960112-28-1

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH June 29, 2007

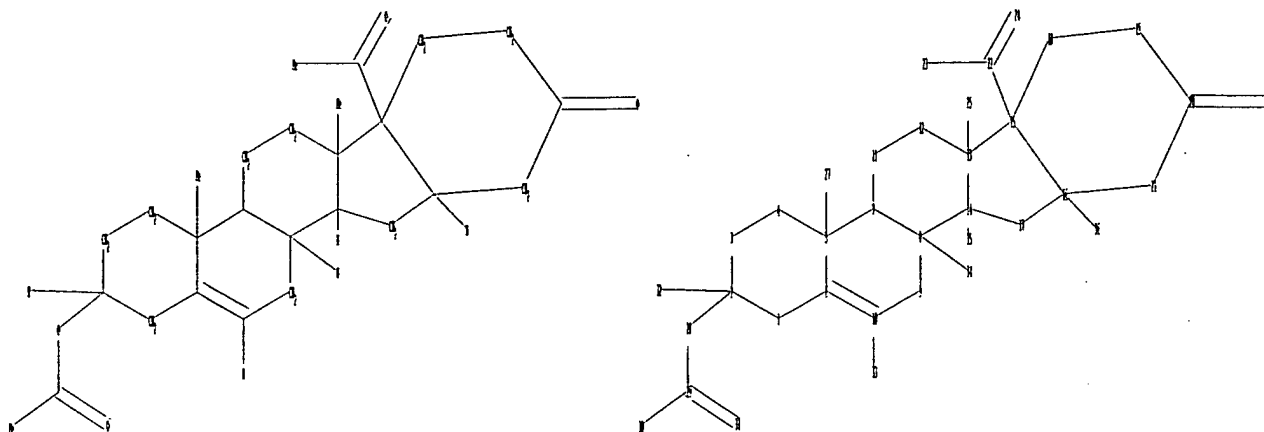
Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

=>

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chain nodes :

22 23 24 25 26 27 28 29 30 31 32 33 34 35 36

ring nodes :

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21

chain bonds :

2-28 2-32 5-27 8-34 10-33 13-25 14-35 15-22 16-36 20-26 22-23 22-24  
28-29 29-30 29-31

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-10 7-8 7-11 8-9 8-14 9-10 11-12 12-13  
13-14 13-15 14-17 15-16 15-18 16-17 16-21 18-19 19-20 20-21

exact/norm bonds :

1-2 1-6 2-3 2-28 3-4 4-5 5-6 5-7 6-10 7-8 7-11 8-9 8-14 9-10 11-12  
12-13 13-14 13-15 14-17 15-16 15-18 16-17 16-21 18-19 19-20 20-21 20-26  
22-24 28-29 29-31

exact bonds :

2-32 5-27 8-34 10-33 13-25 14-35 15-22 16-36 22-23 29-30

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom  
11:Atom 12:Atom 13:Atom 14:Atom 15:Atom 16:Atom 17:Atom 18:Atom 19:Atom  
20:Atom 21:Atom 22:CLASS 23:CLASS 24:CLASS 25:CLASS 26:CLASS 27:CLASS  
28:CLASS 29:CLASS 30:CLASS 31:CLASS 32:CLASS 33:CLASS 34:CLASS 35:CLASS  
36:CLASS

L1 STRUCTURE UPLOADED

=> s l1 exa full

FULL SEARCH INITIATED 11:53:27 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 82 TO ITERATE

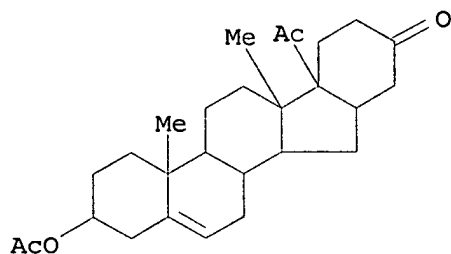
100.0% PROCESSED 82 ITERATIONS  
SEARCH TIME: 00.00.01

1 ANSWERS

L2 1 SEA EXA FUL L1

=> d 12

L2 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2008 ACS on STN  
RN 83117-73-1 REGISTRY  
ED Entered STN: 16 Nov 1984  
CN 16,24-Cyclo-21-norchol-5-en-23-one, 17-acetyl-3-(acetyloxy)-,  
(3 $\beta$ ,16 $\beta$ ,17 $\alpha$ )- (9CI) (CA INDEX NAME)  
OTHER CA INDEX NAMES:  
CN 9H-Indeno[2,1-a]phenanthrene, 16,24-cyclo-21-norchol-5-en-23-one deriv.  
MF C27 H38 O4  
LC STN Files: BEILSTEIN\*, CA, CAPLUS, USPATFULL  
(\*File contains numerically searchable property data)

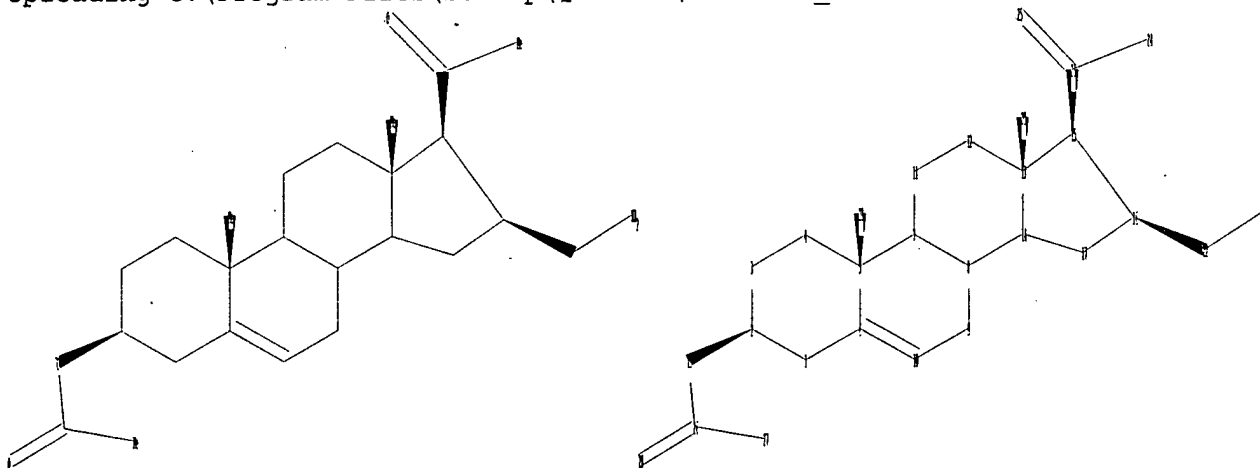


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

4 REFERENCES IN FILE CA (1907 TO DATE)  
4 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=>

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chain nodes :

18 19 20 21 22 23 24 25 26 27 28

ring nodes :

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17

chain bonds :

2-19 5-18 13-20 15-21 16-22 19-26 21-24 21-25 22-23 26-27 26-28

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-10 7-8 7-11 8-9 8-14 9-10 11-12 12-13  
13-14 13-15 14-17 15-16 16-17

exact/norm bonds :

1-2 1-6 2-3 2-19 3-4 4-5 5-6 5-7 6-10 7-8 7-11 8-9 8-14 9-10 11-12  
12-13 13-14 13-15 14-17 15-16 16-17 19-26 21-25 22-23 26-28

exact bonds :

5-18 13-20 15-21 16-22 21-24 26-27

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom  
11:Atom 12:Atom 13:Atom 14:Atom 15:Atom 16:Atom 17:Atom 18:CLASS 19:CLASS  
20:CLASS 21:CLASS 22:CLASS 23:CLASS 24:CLASS 25:CLASS 26:CLASS 27:CLASS  
28:CLASS

Stereo Bonds:

18-5 (Single Wedge).  
19-2 (Single Wedge).  
20-13 (Single Wedge).  
21-15 (Single Wedge).  
22-16 (Single Hash).

Stereo Chiral Centers:

2 (Parity=Odd)  
5 (Parity=Even)  
13 (Parity=Even)  
15 (Parity=Odd)  
16 (Parity=Even)

Stereo RSS Sets:

Type=Relative (Default). 5 Nodes= 2 5 13 15 16

L3 STRUCTURE UPLOADED

=> s l3 exa full

FULL SEARCH INITIATED 11:54:02 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 18 TO ITERATE

100.0% PROCESSED 18 ITERATIONS

1 ANSWERS

SEARCH TIME: 00.00.01

L4 1 SEA EXA FUL L3

=> d l4

L4 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2008 ACS on STN

RN 404886-31-3 REGISTRY

ED Entered STN: 10 Apr 2002

CN Pregn-5-en-20-one, 3-(acetyloxy)-16-(aminomethyl)-, (3 $\beta$ ,16 $\alpha$ )-  
(9CI) (CA INDEX NAME)

FS STEREOSEARCH

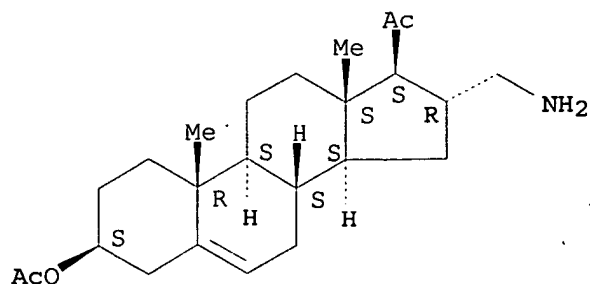
DR 23738-13-8

MF C24 H37 N O3

SR CA

LC STN Files: CA, CAPLUS, USPATFULL

Absolute stereochemistry.

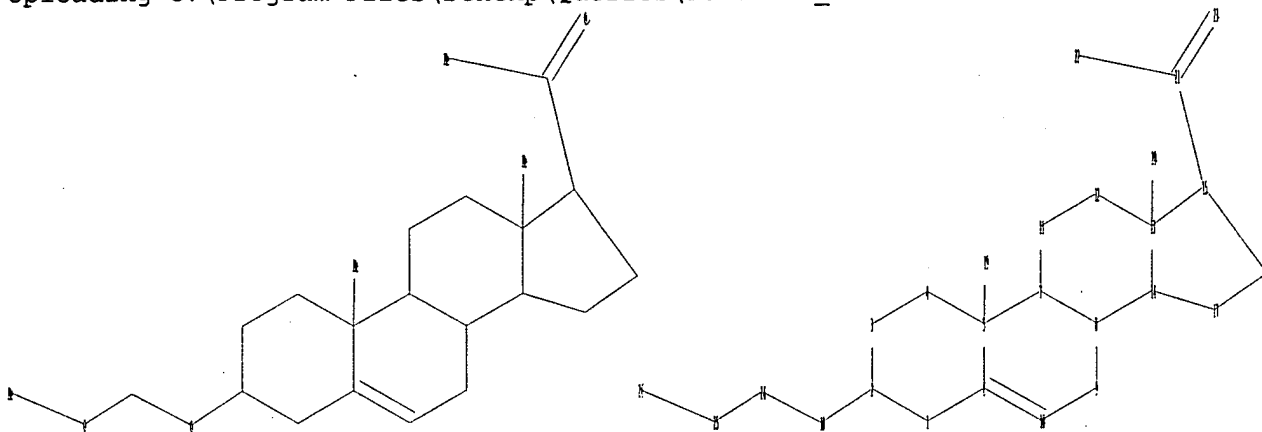


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

2 REFERENCES IN FILE CA (1907 TO DATE)  
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=>

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chain nodes :

18 19 20 21 22 23 24 25 26

ring nodes :

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17

chain bonds :

2-18 5-19 13-20 15-21 18-24 21-22 21-23 24-25 25-26

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-10 7-8 7-11 8-9 8-14 9-10 11-12 12-13  
13-14 13-15 14-17 15-16 16-17

exact/norm bonds :

1-2 1-6 2-3 2-18 3-4 4-5 5-6 5-7 6-10 7-8 7-11 8-9 8-14 9-10 11-12  
12-13 13-14 13-15 14-17 15-16 16-17 18-24 21-23 24-25

exact bonds :

5-19 13-20 15-21 21-22 25-26

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom  
11:Atom 12:Atom 13:Atom 14:Atom 15:Atom 16:Atom 17:Atom 18:CLASS 19:CLASS  
20:CLASS 21:CLASS 22:CLASS 23:CLASS 24:CLASS 25:CLASS 26:CLASS

L5           STRUCTURE UPLOADED

=> s 15 exa full  
FULL SEARCH INITIATED 11:54:30 FILE 'REGISTRY'  
FULL SCREEN SEARCH COMPLETED -           19 TO ITERATE

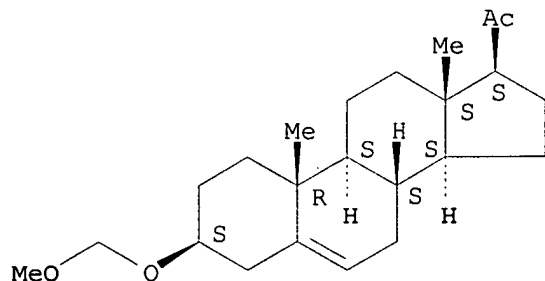
100.0% PROCESSED           19 ITERATIONS                           1 ANSWERS  
SEARCH TIME: 00.00.01

L6           1 SEA EXA FUL L5

=> d 16

L6   ANSWER 1 OF 1   REGISTRY   COPYRIGHT 2008 ACS on STN  
RN   23328-05-4   REGISTRY  
ED   Entered STN:   16 Nov 1984  
CN   Pregn-5-en-20-one, 3-(methoxymethoxy)-, (3 $\beta$ )- (9CI)   (CA INDEX NAME)  
OTHER CA INDEX NAMES:  
CN   Pregn-5-en-20-one, 3 $\beta$ -(methoxymethoxy)- (7CI, 8CI)  
OTHER NAMES:  
CN   3-O-Methoxymethyl-5-pregnen-3 $\beta$ -ol-20-one  
CN   NSC 64992  
FS   STEREOSEARCH  
MF   C23 H36 O3  
LC   STN Files:   BEILSTEIN\*, CA, CAOLD, CAPLUS, CASREACT, TOXCENTER, USPAT2,  
          USPATFULL, USPATOLD  
          (\*File contains numerically searchable property data)

Absolute stereochemistry.

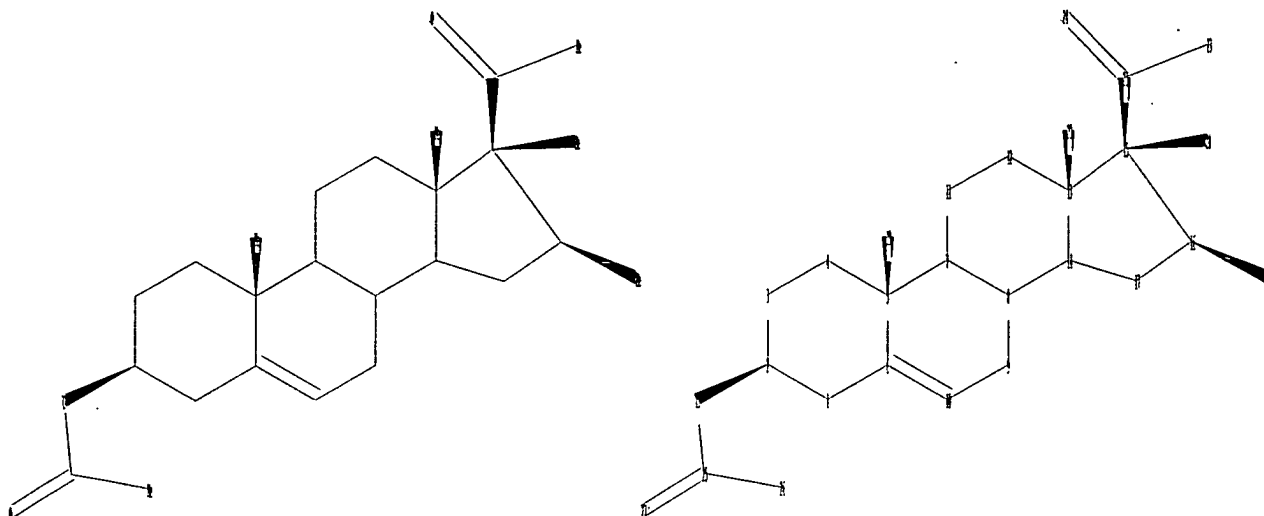


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

15 REFERENCES IN FILE CA (1907 TO DATE)  
15 REFERENCES IN FILE CAPLUS (1907 TO DATE)  
1 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

=>

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```

chain nodes :
18 19 20 21 22 23 24 25 26 27 28
ring nodes :
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17
chain bonds :
2-19 5-18 13-20 15-21 15-28 16-22 19-25 21-23 21-24 25-26 25-27
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-10 7-8 7-11 8-9 8-14 9-10 11-12 12-13
13-14 13-15 14-17 15-16 16-17
exact/norm bonds :
1-2 1-6 2-3 2-19 3-4 4-5 5-6 5-7 6-10 7-8 7-11 8-9 8-14 9-10 11-12
12-13 13-14 13-15 14-17 15-16 16-17 19-25 21-24 25-27
exact bonds :
5-18 13-20 15-21 15-28 16-22 21-23 25-26

```

```

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom
11:Atom 12:Atom 13:Atom 14:Atom 15:Atom 16:Atom 17:Atom 18:CLASS 19:CLASS
20:CLASS 21:CLASS 22:CLASS 23:CLASS 24:CLASS 25:CLASS 26:CLASS 27:CLASS
28:CLASS

```

#### Stereo Bonds:

```

18-5 (Single Wedge).
19-2 (Single Wedge).
20-13 (Single Wedge).
21-15 (Single Wedge).
22-16 (Single Hash).
28-15 (Single Hash).

```

#### Stereo Chiral Centers:

```

2 (Parity=Odd)
5 (Parity=Even)
13 (Parity=Even)
15 (Parity=Odd)
16 (Parity=Even)

```

#### Stereo RSS Sets:



Type=Relative (Default). 5 Nodes= 2 5 13 15 16

L7 STRUCTURE UPLOADED

=> s l7 exa full

FULL SEARCH INITIATED 11:54:57 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 20 TO ITERATE

100.0% PROCESSED 20 ITERATIONS

1 ANSWERS

SEARCH TIME: 00.00.01

L8 1 SEA EXA FUL L7

=> d l8

L8 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2008 ACS on STN

RN 13116-52-4 REGISTRY

ED Entered STN: 16 Nov 1984

CN Pregn-5-en-20-one, 3-(acetyloxy)-16,17-dimethyl-, (3 $\beta$ ,16 $\alpha$ )-  
(9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Pregn-5-en-20-one, 3 $\beta$ -hydroxy-16 $\alpha$ ,17-dimethyl-, acetate (7CI,  
8CI)

OTHER NAMES:

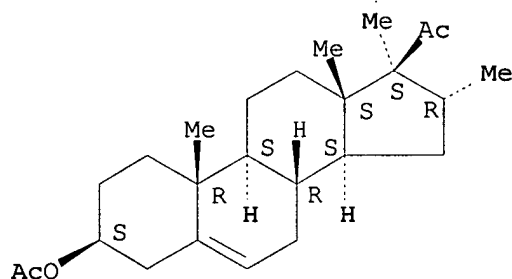
CN 16 $\alpha$ ,17 $\alpha$ -Dimethylpregnenolone acetate

FS STEREOSEARCH

MF C25 H38 O3

LC STN Files: BEILSTEIN\*, CA, CAOLD, CAPLUS, CASREACT, CHEMCATS, USPATFULL  
(\*File contains numerically searchable property data)

Absolute stereochemistry.



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

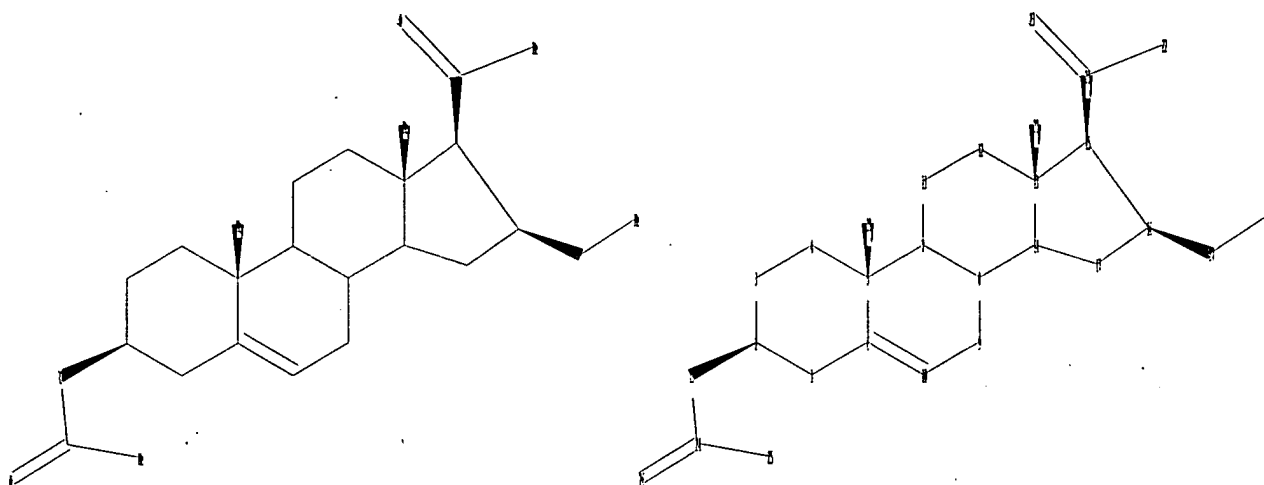
8 REFERENCES IN FILE CA (1907 TO DATE)

8 REFERENCES IN FILE CAPLUS (1907 TO DATE)

1 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

=>

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```

chain nodes :
18 19 20 21 22 23 24 25 26 27 28
ring nodes :
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17
chain bonds :
2-19 5-18 13-20 15-21 16-27 19-24 21-22 21-23 24-25 24-26 27-28
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-10 7-8 7-11 8-9 8-14 9-10 11-12 12-13
13-14 13-15 14-17 15-16 16-17
exact/norm bonds :
1-2 1-6 2-3 2-19 3-4 4-5 5-6 5-7 6-10 7-8 7-11 8-9 8-14 9-10 11-12
12-13 13-14 13-15 14-17 15-16 16-17 19-24 21-23 24-26
exact bonds :
5-18 13-20 15-21 16-27 21-22 24-25 27-28

```

```

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom
11:Atom 12:Atom 13:Atom 14:Atom 15:Atom 16:Atom 17:Atom 18:CLASS 19:CLASS
20:CLASS 21:CLASS 22:CLASS 23:CLASS 24:CLASS 25:CLASS 26:CLASS 27:CLASS
28:CLASS

```

#### Stereo Bonds:

```

18-5 (Single Wedge).
19-2 (Single Wedge).
20-13 (Single Wedge).
21-15 (Single Wedge).
27-16 (Single Hash).

```

#### Stereo Chiral Centers:

```

2      (Parity=Odd)
5      (Parity=Even)
13     (Parity=Even)
15     (Parity=Odd)
16     (Parity=Even)

```

#### Stereo RSS Sets:

Type=Relative (Default). 5 Nodes= 2 5 13 15 16

L9 STRUCTURE UPLOADED

=> s l9 exa full

FULL SEARCH INITIATED 11:55:33 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 27 TO ITERATE

100.0% PROCESSED 27 ITERATIONS

1 ANSWERS

SEARCH TIME: 00.00.01

L10 1 SEA EXA FUL L9

=> d l10

L10 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2008 ACS on STN

RN 5297-33-6 .REGISTRY

ED Entered STN: 16 Nov 1984

CN Pregn-5-en-20-one, 3-(acetyloxy)-16-ethyl-, (3 $\beta$ ,16 $\alpha$ )- (9CI)  
(CA INDEX NAME)

OTHER CA INDEX NAMES:

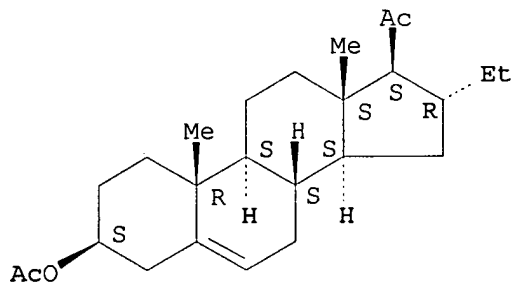
CN Pregn-5-en-20-one, 16 $\alpha$ -ethyl-3 $\beta$ -hydroxy-, acetate (6CI, 7CI,  
8CI)

FS STEREOSEARCH

MF C25 H38 O3

LC STN Files: BEILSTEIN\*, CA, CAOLD, CAPLUS, CHEMCATS, USPATFULL  
(\*File contains numerically searchable property data)

Absolute stereochemistry.



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

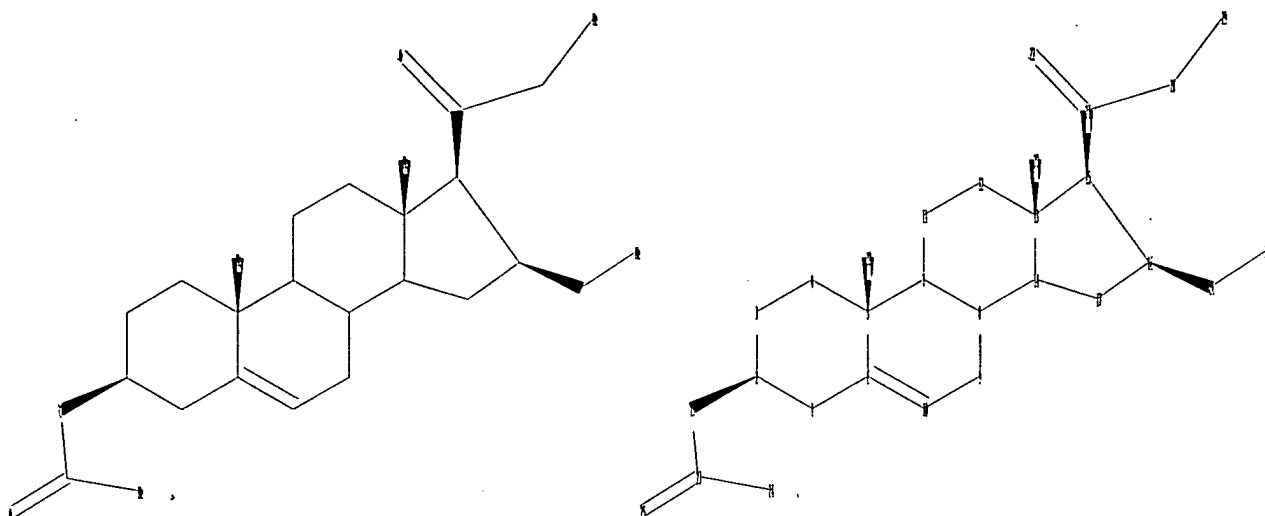
6 REFERENCES IN FILE CA (1907 TO DATE)

6 REFERENCES IN FILE CAPLUS (1907 TO DATE)

2 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

=>

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chain nodes :

18 19 20 21 22 23 24 25 26 27 28 29

ring nodes :

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17

chain bonds :

2-19 5-18 13-20 15-21 16-26 19-23 21-22 21-28 23-24 23-25 26-27 28-29

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-10 7-8 7-11 8-9 8-14 9-10 11-12 12-13  
13-14 13-15 14-17 15-16 16-17

exact/norm bonds :

1-2 1-6 2-3 2-19 3-4 4-5 5-6 5-7 6-10 7-8 7-11 8-9 8-14 9-10 11-12  
12-13 13-14 13-15 14-17 15-16 16-17 19-23 21-22 23-25

exact bonds.:

5-18 13-20 15-21 16-26 21-28 23-24 26-27 28-29

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom  
11:Atom 12:Atom 13:Atom 14:Atom 15:Atom 16:Atom 17:Atom 18:CLASS 19:CLASS  
20:CLASS 21:CLASS 22:CLASS 23:CLASS 24:CLASS 25:CLASS 26:CLASS 27:CLASS  
28:CLASS 29:CLASS

Stereo Bonds:

18-5 (Single Wedge).  
19-2 (Single Wedge).  
20-13 (Single Wedge).  
21-15 (Single Wedge).  
26-16 (Single Hash).

Stereo Chiral Centers:

2 (Parity=Odd)  
5 (Parity=Even)  
13 (Parity=Even)  
15 (Parity=Odd)  
16 (Parity=Even)

Stereo RSS Sets:

Type=Relative (Default). 5 Nodes= 2 5 13 15 16

L11 STRUCTURE UPLOADED

=> s l11 exa full

FULL SEARCH INITIATED 11:56:03 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 27 TO ITERATE

100.0% PROCESSED 27 ITERATIONS

1 ANSWERS

SEARCH TIME: 00.00.01

L12 1 SEA EXA FUL L11

=> d l12

L12 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2008 ACS on STN

RN 16321-62-3 REGISTRY

ED Entered STN: 16 Nov 1984

CN 1-Propanone, 1-[(3 $\beta$ ,16 $\alpha$ ,17 $\beta$ )-16-ethyl-3-(acetyloxy)androst-5-en-17-yl]- (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

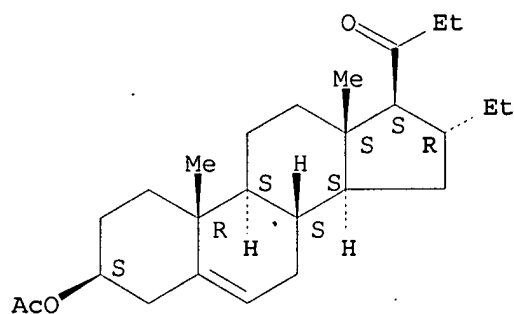
CN 1-Propanone, 1-(16 $\alpha$ -ethyl-3 $\beta$ -hydroxyandrost-5-en-17 $\beta$ -yl)-, acetate (8CI)

FS STEREOSEARCH

MF C26 H40 O3

LC STN Files: CA, CAPLUS, USPATFULL

Absolute stereochemistry.



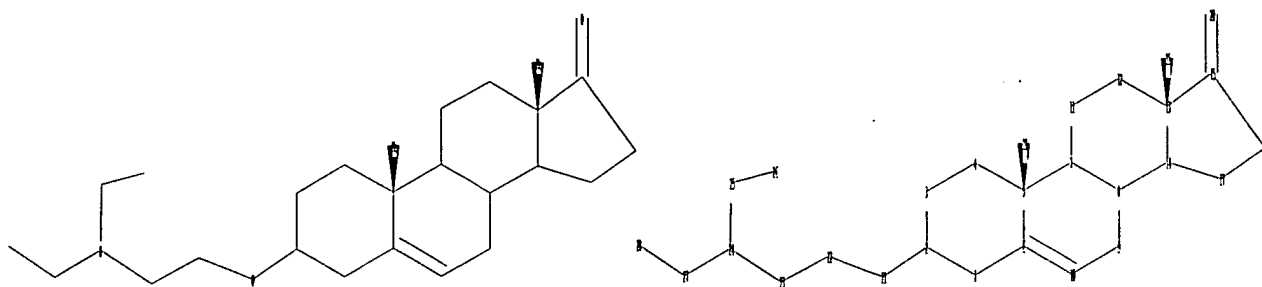
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

2 REFERENCES IN FILE CA (1907 TO DATE)

2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=>

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```

chain nodes :
18 19 20 21 22 23 24 25 26 27 28
ring nodes :
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17
chain bonds :
2-21 5-18 13-19 15-20 21-22 22-23 23-24 24-25 24-27 25-26 27-28
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-10 7-8 7-11 8-9 8-14 9-10 11-12 12-13
13-14 13-15 14-17 15-16 16-17
exact/norm bonds :
1-2 1-6 2-3 2-21 3-4 4-5 5-6 5-7 6-10 7-8 7-11 8-9 8-14 9-10 11-12
12-13 13-14 13-15 14-17 15-16 15-20 16-17 21-22 23-24 24-25 24-27
exact bonds :
5-18 13-19 22-23 25-26 27-28

```

```

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom
11:Atom 12:Atom 13:Atom 14:Atom 15:Atom 16:Atom 17:Atom 18:CLASS 19:CLASS
20:CLASS 21:CLASS 22:CLASS 23:CLASS 24:CLASS 25:CLASS 26:CLASS 27:CLASS
28:CLASS

```

Stereo Bonds:

```

18-5 (Single Wedge).
19-13 (Single Wedge).

```

Stereo Chiral Centers:

```

5 (Parity=Even)
13 (Parity=Even)

```

Stereo RSS Sets:

Type=Relative (Default). 2 Nodes= 5 13

L13 STRUCTURE UPLOADED

```

=> s l13 exa full
FULL SEARCH INITIATED 11:56:35 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 170 TO ITERATE

```

```

100.0% PROCESSED 170 ITERATIONS
SEARCH TIME: 00.00.01

```

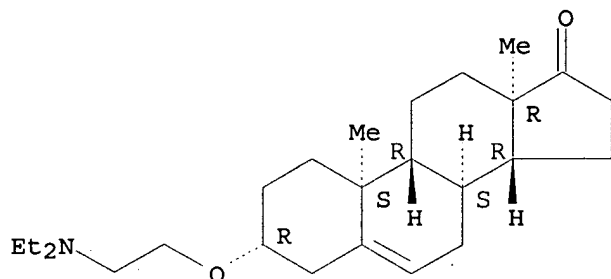
2 ANSWERS

L14 2 SEA EXA FUL L13

=> d 114

L14 ANSWER 1 OF 2 REGISTRY COPYRIGHT 2008 ACS on STN  
RN 864628-11-5 REGISTRY  
ED Entered STN: 05 Oct 2005  
CN Androst-5-en-17-one, 3-[2-(diethylamino)ethoxy]-,  
(3 $\alpha$ ,8 $\alpha$ ,9 $\beta$ ,10 $\alpha$ ,13 $\alpha$ ,14 $\beta$ )-(9CI) (CA INDEX  
NAME)  
FS STEREOSEARCH  
MF C25 H41 N O2  
CI COM  
SR CA

Absolute stereochemistry. Rotation (-).



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

=> d shi

'SHI' IS NOT A VALID FORMAT FOR FILE 'REGISTRY'

The following are valid formats:

Substance information can be displayed by requesting individual fields or predefined formats. The predefined substance formats are: (RN = CAS Registry Number)

REG - RN  
SAM - Index Name, MF, and structure - no RN  
FIDE - All substance data, except sequence data  
IDE - FIDE, but only 50 names  
SQIDE - IDE, plus sequence data  
SQIDE3 - Same as SQIDE, but 3-letter amino acid codes are used  
SQD - Protein sequence data, includes RN  
SQD3 - Same as SQD, but 3-letter amino acid codes are used  
SQN - Protein sequence name information, includes RN  
  
CALC - Table of calculated properties  
EPROP - Table of experimental properties  
PROP - EPROP and CALC

Any CA File format may be combined with any substance format to obtain CA references citing the substance. The substance formats must be cited first. The CA File predefined formats are:

ABS -- Abstract  
APPS -- Application and Priority Information  
BIB -- CA Accession Number, plus Bibliographic Data  
CAN -- CA Accession Number  
CBIB -- CA Accession Number, plus Bibliographic Data (compressed)  
IND -- Index Data

IPC -- International Patent Classification  
PATS -- PI, SO  
STD -- BIB, IPC, and NCL

IABS -- ABS, indented, with text labels  
IBIB -- BIB, indented, with text labels  
ISTD -- STD format, indented

OBIB ----- AN, plus Bibliographic Data (original)  
OIBIB ----- OBIB, indented with text labels

SBIB ----- BIB, no citations  
SIBIB ----- IBIB, no citations

The ALL format gives FIDE BIB ABS IND RE, plus sequence data when it is available.

The MAX format is the same as ALL.

The IALL format is the same as ALL with BIB ABS and IND indented, with text labels.

For additional information, please consult the following help messages:

HELP DFIELDS -- To see a complete list of individual display fields.  
HELP FORMATS -- To see detailed descriptions of the predefined formats.  
ENTER DISPLAY FORMAT (IDE):his  
'HIS' IS NOT A VALID FORMAT FOR FILE 'REGISTRY'

The following are valid formats:

Substance information can be displayed by requesting individual fields or predefined formats. The predefined substance formats are: (RN = CAS Registry Number)

REG - RN  
SAM - Index Name, MF, and structure - no RN  
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IBIB -- BIB, indented, with text labels  
ISTD -- STD format, indented



OBIB ----- AN, plus Bibliographic Data (original)  
OIBIB ----- OBIB, indented with text labels

SBIB ----- BIB, no citations  
SIBIB ----- IBIB, no citations

The ALL format gives FIDE BIB ABS IND RE, plus sequence data when it is available.

The MAX format is the same as ALL.

The IALL format is the same as ALL with BIB ABS and IND indented, with text labels.

For additional information, please consult the following help messages:

HELP DFIELDS -- To see a complete list of individual display fields.  
HELP FORMATS -- To see detailed descriptions of the predefined formats.  
ENTER DISPLAY FORMAT (IDE):d his  
'D' IS NOT A VALID FORMAT FOR FILE 'REGISTRY'

The following are valid formats:

Substance information can be displayed by requesting individual fields or predefined formats. The predefined substance formats are: (RN = CAS Registry Number)

REG - RN  
SAM - Index Name, MF, and structure - no RN  
FIDE - All substance data, except sequence data  
IDE - FIDE, but only 50 names  
SQIDE - IDE, plus sequence data  
SQIDE3 - Same as SQIDE, but 3-letter amino acid codes are used  
SQD - Protein sequence data, includes RN  
SQD3 - Same as SQD, but 3-letter amino acid codes are used  
SQN - Protein sequence name information, includes RN

CALC - Table of calculated properties  
EPROP - Table of experimental properties  
PROP - EPROP and CALC

Any CA File format may be combined with any substance format to obtain CA references citing the substance. The substance formats must be cited first. The CA File predefined formats are:

ABS -- Abstract  
APPS -- Application and Priority Information  
BIB -- CA Accession Number, plus Bibliographic Data  
CAN -- CA Accession Number  
CBIB -- CA Accession Number, plus Bibliographic Data (compressed)  
IND -- Index Data  
IPC -- International Patent Classification  
PATS -- PI, SO  
STD -- BIB, IPC, and NCL

IABS -- ABS, indented, with text labels  
IBIB -- BIB, indented, with text labels  
ISTD -- STD format, indented

OBIB ----- AN, plus Bibliographic Data (original)  
OIBIB ----- OBIB, indented with text labels

SBIB ----- BIB, no citations  
SIBIB ----- IBIB, no citations

The ALL format gives FIDE BIB ABS IND RE, plus sequence data when it is available.

The MAX format is the same as ALL.

The IALL format is the same as ALL with BIB ABS and IND indented, with text labels.

For additional information, please consult the following help messages:

```
HELP DFIELDS -- To see a complete list of individual display fields.
HELP FORMATS -- To see detailed descriptions of the predefined formats.
ENTER DISPLAY FORMAT (IDE):ibib
'IBIB' IS NOT A VALID FORMAT FOR FILE 'REGISTRY'
```

The following are valid formats:

Substance information can be displayed by requesting individual fields or predefined formats. The predefined substance formats are: (RN = CAS Registry Number)

```
REG      - RN
SAM      - Index Name, MF, and structure - no RN
FIDE     - All substance data, except sequence data
IDE      - FIDE, but only 50 names
SQIDE    - IDE, plus sequence data
SQIDE3   - Same as SQIDE, but 3-letter amino acid codes are used
SQD      - Protein sequence data, includes RN
SQD3     - Same as SQD, but 3-letter amino acid codes are used
SQN      - Protein sequence name information, includes RN

CALC     - Table of calculated properties
EPROP    - Table of experimental properties
PROP     - EPROP and CALC
```

Any CA File format may be combined with any substance format to obtain CA references citing the substance. The substance formats must be cited first. The CA File predefined formats are:

```
ABS      -- Abstract
APPS     -- Application and Priority Information
BIB      -- CA Accession Number, plus Bibliographic Data
CAN      -- CA Accession Number
CBIB     -- CA Accession Number, plus Bibliographic Data (compressed)
IND      -- Index Data
IPC      -- International Patent Classification
PATS     -- PI, SO
STD      -- BIB, IPC, and NCL

IABS     -- ABS, indented, with text labels
IBIB     -- BIB, indented, with text labels
ISTD     -- STD format, indented

OBIB     ----- AN, plus Bibliographic Data (original)
OIBIB    ----- OBIB, indented with text labels

SBIB     ----- BIB, no citations
SIBIB    ----- IBIB, no citations
```

The ALL format gives FIDE BIB ABS IND RE, plus sequence data when it is available.

The MAX format is the same as ALL.

The IALL format is the same as ALL with BIB ABS and IND indented, with text labels.

For additional information, please consult the following help

messages:

HELP DFIELDS -- To see a complete list of individual display fields.  
HELP FORMATS -- To see detailed descriptions of the predefined formats.  
ENTER DISPLAY FORMAT (IDE):bib  
'BIB' IS NOT A VALID FORMAT FOR FILE 'REGISTRY'

The following are valid formats:

Substance information can be displayed by requesting individual fields or predefined formats. The predefined substance formats are: (RN = CAS Registry Number)

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FIDE - All substance data, except sequence data  
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SQD - Protein sequence data, includes RN  
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SIBIB ----- IBIB, no citations

The ALL format gives FIDE BIB ABS IND RE, plus sequence data when it is available.

The MAX format is the same as ALL.

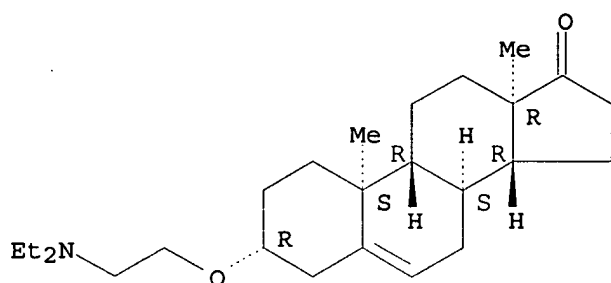
The IALL format is the same as ALL with BIB ABS and IND indented, with text labels.

For additional information, please consult the following help messages:

HELP DFIELDS -- To see a complete list of individual display fields.  
HELP FORMATS -- To see detailed descriptions of the predefined formats.  
ENTER DISPLAY FORMAT (IDE):ide

RN 864628-11-5 REGISTRY  
 ED Entered STN: 05 Oct 2005  
 CN Androst-5-en-17-one, 3-[2-(diethylamino)ethoxy]-,  
 (3 $\alpha$ ,8 $\alpha$ ,9 $\beta$ ,10 $\alpha$ ,13 $\alpha$ ,14 $\beta$ )-(9CI) (CA INDEX  
 NAME)  
 FS STEREOSEARCH  
 MF C25 H41 N O2  
 CI COM  
 SR CA

Absolute stereochemistry. Rotation (-).



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

=> file uspatfull  
 COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
438.63	438.84

FULL ESTIMATED COST

FILE 'USPATFULL' ENTERED AT 11:57:30 ON 08 JAN 2008  
 CA INDEXING COPYRIGHT (C) 2008 AMERICAN CHEMICAL SOCIETY (ACS)

FILE COVERS 1971 TO PATENT PUBLICATION DATE: 8 Jan 2008 (20080108/PD)  
 FILE LAST UPDATED: 8 Jan 2008 (20080108/ED)  
 HIGHEST GRANTED PATENT NUMBER: US7318238  
 HIGHEST APPLICATION PUBLICATION NUMBER: US2008005821  
 CA INDEXING IS CURRENT THROUGH 8 Jan 2008 (20080108/UPCA)  
 ISSUE CLASS FIELDS (/INCL) CURRENT THROUGH: 8 Jan 2008 (20080108/PD)  
 REVISED CLASS FIELDS (/NCL) LAST RELOADED: Oct 2007  
 USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Oct 2007

=> s l2 or l4 or l6 or l8 or l10 or l12 or l14

1 L2  
 1 L4  
 2 L6  
 1 L8  
 2 L10  
 1 L12  
 1 L14

L15 3 L2 OR L4 OR L6 OR L8 OR L10 OR L12 OR L14

=> d l15 1-3 ibib, abs, hitstr

L15 ANSWER 1 OF 3 USPATFULL on STN

ACCESSION NUMBER: 2003:24344 USPATFULL

TITLE: Method for synthesizing 5beta, 6beta-epoxides of  
 steroids by a highly beta-selective epoxidation of  
 delta5-unsaturated steroids catalyzed by ketones

INVENTOR(S): Yang, Dan, Hong Kong, HONG KONG

Jiao, Guan-Sheng, College Station, TX, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003018188	A1	20030123
	US 6841665	B2	20050111
APPLICATION INFO.:	US 2002-91627	A1	20020306 (10)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 2001-788201, filed on 16 Feb 2001, ABANDONED		

	NUMBER	DATE
PRIORITY INFORMATION:	US 2000-183396P	20000218 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	Sandra B. Weiss, Jones, Day, Reavis & Pogue, 77 West Wacker, Chicago, IL, 60601	
NUMBER OF CLAIMS:	63	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	35 Drawing Page(s)	
LINE COUNT:	1928	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A general, efficient, and environmentally friendly method is provided for producing mostly  $\beta$ -epoxides of  $\Delta$ .sup.5-unsaturated steroids using certain ketones as the catalyst along with an oxidizing agent, or by using certain dioxiranes. In another aspect of the invention, a method is provided for producing mostly  $5\beta,6\beta$ -epoxides of steroids from  $\Delta$ .sup.5-unsaturated steroids having a substituent at the  $3\alpha$ -position by an epoxidation reaction using a ketone along with an oxidizing agent under conditions effective to generate epoxides, or using a dioxirane under conditions effective to generate epoxides. A whole range of  $\Delta$ .sup.5-unsaturated steroids, bearing different functional groups such as hydroxy, carbonyl, acetyl or ketal group as well as different side chains, were conveniently converted to the corresponding synthetically and biologically interesting  $5\beta,6\beta$ -epoxides with excellent  $\beta$ -selectivities and high yields.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

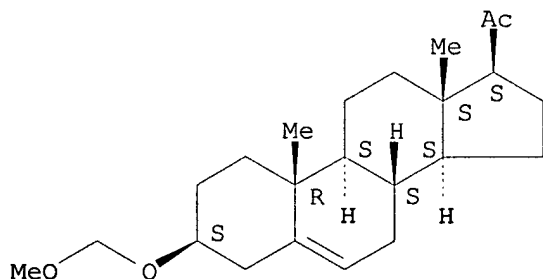
IT 23328-05-4

(preparation of  $5\beta,6\beta$ -epoxides of steroids by  $\beta$ -selective epoxidn. of  $\Delta$ 5-unsatd. steroids catalyzed by ketones)

RN 23328-05-4 USPATFULL

CN Pregn-5-en-20-one, 3-(methoxymethoxy)-, (3 $\beta$ )- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L15 ANSWER 2 OF 3 USPATFULL on STN

ACCESSION NUMBER: 2002:60938 USPATFULL

TITLE: Methods and compositions that affect melanogenesis

INVENTOR(S): Orlow, Seth J., New York, NY, UNITED STATES  
Hall, Andrea, New York, NY, UNITED STATES

Manga, Prashiela, New York, NY, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002034772	A1	20020321
APPLICATION INFO.:	US 2001-827428	A1	20010406 (9)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 2000-599487, filed on 23 Jun 2000, PENDING		

	NUMBER	DATE
PRIORITY INFORMATION:	US 1999-141563P	19990629 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	ANN-LOUISE KERNER, PH.D., HALE AND DORR LLP, 60 STATE STREET, BOSTON, MA, 02109	
NUMBER OF CLAIMS:	92	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	19 Drawing Page(s)	
LINE COUNT:	4216	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The invention provides methods of screening for compounds that affect melanogenesis and the function of P protein in organisms, cells, or cell-free systems. The invention further relates to pharmacologic and cosmetic uses of methods of inhibiting melanogenesis, methods of activating melanogenesis, and compounds and pharmacologic compositions useful for the inhibition or activation of melanogenesis and, therefore, for lightening or darkening the pigmentation of cells and tissue, i.e., skin.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

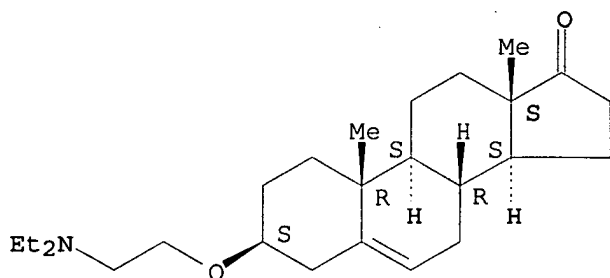
IT 2855-62-1 5297-33-6 13116-52-4  
16321-62-3 23328-05-4 83117-73-1  
404886-31-3

(methods and compns. that affect melanogenesis)

RN 2855-62-1 USPATFULL

CN Androst-5-en-17-one, 3-[2-(diethylamino)ethoxy]-, (3 $\beta$ )- (CA INDEX NAME)

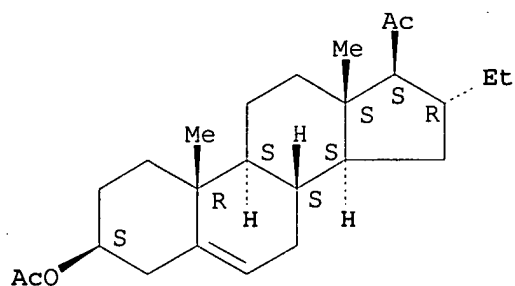
Absolute stereochemistry.



RN 5297-33-6 USPATFULL

CN Pregn-5-en-20-one, 3-(acetyloxy)-16-ethyl-, (3 $\beta$ ,16 $\alpha$ )- (9CI)  
(CA INDEX NAME)

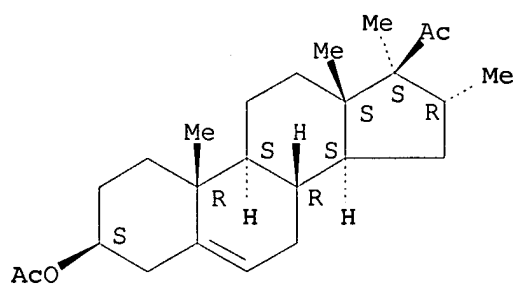
Absolute stereochemistry.



RN 13116-52-4 USPATFULL

CN Pregn-5-en-20-one, 3-(acetyloxy)-16,17-dimethyl-, (3 $\beta$ ,16 $\alpha$ )-(9CI) (CA INDEX NAME)

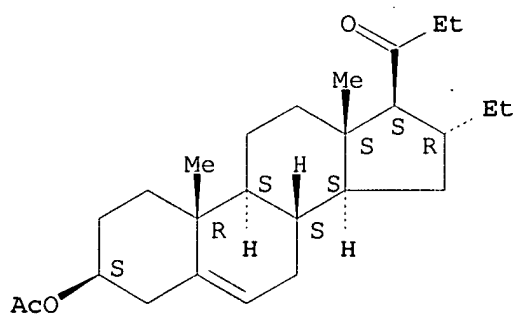
Absolute stereochemistry.



RN 16321-62-3 USPATFULL

CN 1-Propanone, 1-[(3 $\beta$ ,16 $\alpha$ ,17 $\beta$ )-16-ethyl-3-(acetyloxy)androst-5-en-17-yl]- (9CI) (CA INDEX NAME)

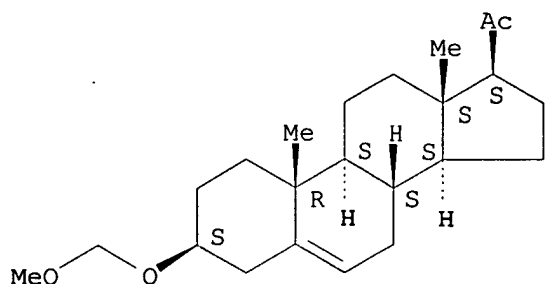
Absolute stereochemistry.



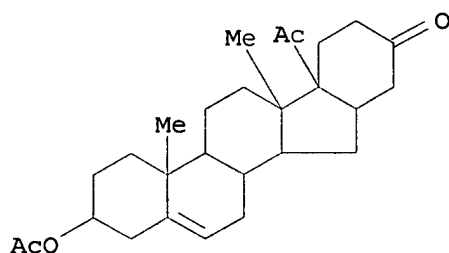
RN 23328-05-4 USPATFULL

CN Pregn-5-en-20-one, 3-(methoxymethoxy)-, (3 $\beta$ )-(9CI) (CA INDEX NAME)

Absolute stereochemistry.

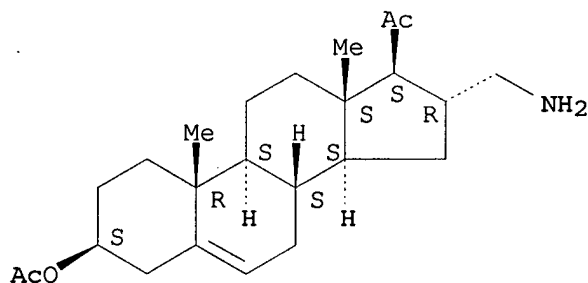


RN 83117-73-1 USPATFULL  
 CN 16,24-Cyclo-21-norchol-5-en-23-one, 17-acetyl-3-(acetyloxy)-,  
 (3β,16β,17α)- (9CI) (CA INDEX NAME)



RN 404886-31-3 USPATFULL  
 CN Pregn-5-en-20-one, 3-(acetyloxy)-16-(aminomethyl)-, (3β,16α)-  
 (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L15 ANSWER 3 OF 3 USPATFULL on STN

ACCESSION NUMBER: 1999:63417 USPATFULL

TITLE: Methylation or ethylation agent and process for  
 1,4-addition of a methyl or ethyl group to an α,  
 β-unsaturated keto compound

INVENTOR(S): Westermann, Jurgen, Berlin, Germany, Federal Republic  
 of

PATENT ASSIGNEE(S): Nickisch, Klaus, Berlin, Germany, Federal Republic of  
 Schering Aktiengesellschaft, Germany, Federal Republic  
 of (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5908944		19990601
	WO 9306066		19930401
APPLICATION INFO.:	US 1994-211230		19940930 (8)
	WO 1992-EP2227		19920928



19940930 PCT 371 date  
19940930 PCT 102(e) date

	NUMBER	DATE
PRIORITY INFORMATION:	DE 1991-4132755	19910927
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	Granted	
PRIMARY EXAMINER:	Dees, Jose G.	
ASSISTANT EXAMINER:	Pryor, Alton	
LEGAL REPRESENTATIVE:	Millen, White, Zelano, & Branigan, P.C.	
NUMBER OF CLAIMS:	21	
EXEMPLARY CLAIM:	1	
LINE COUNT:	980	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB This invention describes a new methylation or ethylation agent containing trimethyl aluminum or dimethyl zinc or triethyl aluminum as methyl or ethyl source, which additionally contains catalytic amounts of one or more copper(I) and/or copper(II) compounds as well as a process for the 1,4-addition of a methyl or ethyl group to an  $\alpha,\beta$ -unsaturated or an  $\alpha,\beta$ -double unsaturated ketone or an  $\alpha,\beta$ -unsaturated aldehyde using the agent according to the invention.

By using only catalytic amounts of copper and a CKW (chlorinatedhydrocarbon)-free reaction medium, the new methylation/ethylation agent/process is distinguished by its environmental compatibility and it is, for example, suitable for the production of initial products for the synthesis of biologically effective compounds.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

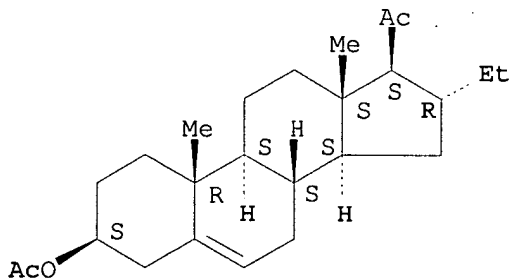
IT 5297-33-6P

(preparation of, via conjugate addition reaction using triethylaluminum and cuprous bromide)

RN 5297-33-6 USPATFULL

CN Pregn-5-en-20-one, 3-(acetyloxy)-16-ethyl-, (3 $\beta$ ,16 $\alpha$ )- (9CI)  
(CA INDEX NAME)

Absolute stereochemistry.



=> d his

(FILE 'HOME' ENTERED AT 11:52:36 ON 08 JAN 2008)

FILE 'REGISTRY' ENTERED AT 11:53:00 ON 08 JAN 2008

L1	STRUCTURE UPLOADED
L2	1 S L1 EXA FULL
L3	STRUCTURE UPLOADED
L4	1 S L3 EXA FULL
L5	STRUCTURE UPLOADED

L6 1 S L5 EXA FULL  
L7 STRUCTURE UPLOADED  
L8 1 S L7 EXA FULL  
L9 STRUCTURE UPLOADED  
L10 1 S L9 EXA FULL  
L11 STRUCTURE UPLOADED  
L12 1 S L11 EXA FULL  
L13 STRUCTURE UPLOADED  
L14 2 S L13 EXA FULL

FILE 'USPATFULL' ENTERED AT 11:57:30 ON 08 JAN 2008  
L15 3 S L2 OR L4 OR L6 OR L8 OR L10 OR L12 OR L14

=>

---Logging off of STN---

=>

Executing the logoff script...

=> LOG Y

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	21.31	460.15

STN INTERNATIONAL LOGOFF AT 11:58:36 ON 08 JAN 2008